

CUSTOMER NO.: 24498
Serial No. 09/445,131
Office Action dated: May 6, 2005
Response dated: September 2, 2005

PATENT
RCA 88,670

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of the Claims

1. (Currently Amended) A recording medium having a first and a second side comprising:
 respective program data on said first and said second sides of said medium; and
 a first area on said first side and a second area on said second side of said medium, each said area having disposed thereon distinctive laser encoded data representing information identifying said respective program data, said first area and said second area being disposed between the center of the recording medium and an outer circumference, said respective program data being disposed outside the outer circumference, and said first area and said second area occupying non-overlapping positions with respect to each other, wherein said first and second areas are burst cutting areas.
2. (Cancelled)
3. (Previously Presented) The medium of claim 1 wherein said first area has substantially the same inner and outer circumferences but a different angular position from said second area.
4. (Previously Presented) The medium of claim 1 wherein said first and second areas are positioned as concentric rings with respect to each other.
5. (Original) The medium of claim 1 wherein said medium is a DVD disk.

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6. (Currently Amended) A recording medium comprising:
a first layer and a second layer, each of said layers containing respective program data;
a first area on said first layer and a second area on said second layer, each said area having disposed thereon distinctive laser encoded data representing individualized information, said first area and said second area being disposed between the center of the recording medium and an outer circumference, said respective program data being disposed outside the outer circumference, and said first area and said second area occupying non-overlapping positions with respect to each other, wherein said first and second areas are burst cutting areas.

7. (Cancelled)

8. (Original) The medium of claim 6 wherein said first area has substantially the same inner and outer circumferences but a different angular position from said second area.

9. (Original) The medium of claim 6 wherein said first and second areas are positioned as concentric rings with respect to each other.

10. (Original) The medium of claim 6 wherein said medium is a DVD disk.

11. (Original) The medium of claim 6 wherein said first and second layers are on the same side of said medium.

12. (Cancelled)

13. (Cancelled)

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14. (Cancelled)

15. (Currently Amended) An apparatus for laser encoding a first and a second selectively distinctive codes on a recording medium, comprising:

means for encoding a first individualized code in a first predetermined position and in a first preselected layer on said recording medium, said first individualized code being associated with first program data; and

means for encoding a second individualized code in a second preselected position and in a second preselected layer of said recording medium, said second individualized code being associated with second program data, said first area and said second area being disposed between the center of the recording medium and an outer circumference, said first and second program data being disposed outside the outer circumference, and said first area and said second area occupying non-overlapping positions with respect to each other, wherein said first and second areas are burst cutting areas.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Previously Presented) A method for processing a disk having a plurality of programs on said disk, comprising the steps of:

identifying a count representing the number of laser encoded areas on said disk, each one of said plurality of programs on said disk being uniquely associated with particular one of the laser encoded areas;

obtaining a first laser encoded data by reading from a first laser encoded area on said disk; and

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obtaining a subsequent laser encoded data by reading from a subsequent laser encoded area on said disk until the number of laser encoded areas read equals to said count.

20. (Original) The method of claim 19, wherein said laser encoding areas are burst cutting areas for a DVD disk.

21. (Currently Amended) A optical disk having a first recording area where first main data are recorded in the form of pits, and a second recording area which is a predetermined area in the first recording area, where a plurality of a reflection film are removed partially, so a first identification data is recorded for associating with the first main data, the optical disk being characterized by:

a third recording area for recording second main data; and

a fourth recording area where a plurality of reflection film are removed partially, so a second identification data, which is distinctive with respect to the first identification data, is recorded for associating with the second main data, said second recording area and said fourth recording area being disposed between the center of the recording medium and an outer circumference, said first recording area and said third recording area being disposed outside the outer circumference, and said second recording area and said fourth recording area occupying non-overlapping positions with respect to each other, wherein said first and second recording areas are burst cutting areas.

22. (Currently Amended) A method for processing a disk, comprising the steps of:

obtaining, from the disk, a first individualized code disposed on a first area of the disk;

using the first individualized code obtained to process first data associated with the first code;

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obtaining, from the disk, a second individualized code, which is distinctive with respect to the first individualized code, disposed on a second area of the disk; and

using the second individualized code obtained to process second data associated with the second individualized code, said first area and said second area being disposed between the center of the recording medium and an outer circumference, said first and second data being disposed outside the outer circumference, and said first area and said second area occupying non-overlapping positions with respect to each other, wherein said first and second areas are burst cutting areas.

23. (Currently Amended) A method for forming a disk, comprising the steps of:
encoding first main data on a first area of the disk; and
encoding a first individualized code on a second area of the disk for identifying the first main data;

encoding second main data on a third area of the disk; and
first individualized code, on a fourth area of the disk for identifying the second main data, said second area and said fourth area being disposed between the center of the recording medium and an outer circumference, said first area and said third area being disposed outside the outer circumference, and said second area and said fourth area occupying non-overlapping positions with respect to each other, wherein said first and second areas are burst cutting areas.